



<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Docket No.	R0586-701110
	First Named Inventor or Application Identifier	
	Mark E. Hermann, et al.	
	Express Mail Label No.	EV 308897587 US
	Date of Deposit	December 5, 2003

<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents</i>	<b>ADDRESS TO:</b>	<b>Mail Stop Patent Application</b> Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
1. <input type="checkbox"/> Fee Calculation Sheet <i>(Submit an original, and a duplicate for fee processing)</i>  2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.  3. <input checked="" type="checkbox"/> Specification [Total pages 42] [36]- pages description [1]- pages abstract [5]- pages claims                      [35] - Total claims  4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total sheets 13]  5. <input type="checkbox"/> Oath or Declaration [Total sheets _ ] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from prior application Serial No.: _____ i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).  If box 5b is checked, the entire disclosure of the prior application from which the oath or declaration is supplied is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference therein. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.  6. <input type="checkbox"/> Application Data Sheet, See 37 CFR 1.76	7. <input type="checkbox"/> CD-ROM or CD-R, in duplicate, large table or Computer Program (Appendix)  8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies	<b>ACCOMPANYING APPLICATION PARTS</b>  9. <input type="checkbox"/> Assignment Papers/cover sheet & documents(s)  10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney  11. <input type="checkbox"/> English Translation of Document <i>(if applicable)</i>  12. <input type="checkbox"/> Information Disclosure Statement PTO-1449 <input type="checkbox"/> Copies of IDS Citations  13. <input type="checkbox"/> Preliminary Amendment  14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>  15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>  16. <input type="checkbox"/> Request and Certification Under 35 U.S.C. §122(b)(2)(B)(ii)  17. <input type="checkbox"/> Other: _____ _____ _____



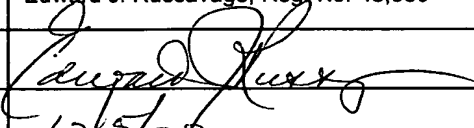
**18. NOTE TO PRACTITIONERS:** If a CONTINUING APPLICATION, supply the requisite priority or continuity information in (1) the body of the application, or in a preliminary amendment, and (2) in an Application Data Sheet under 37 CFR 1.76.

**19. CORRESPONDENCE ADDRESS**

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Customer Number: 37462

**20. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

NAME	Edward J. Russavage, Reg. No. 43,069
SIGNATURE	
DATE	12/5/23